

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Previously Presented) A method in a computer system for failover when at least one of a first network adapter and a data path through the first network adapter fails, wherein the computer system includes a filter driver, and wherein the first network adapter is connected to a second network adapter, comprising:

receiving, with the filter driver, a path fail notification that at least one of the first network adapter and the data path through the first network adapter has failed;

rerouting, with the filter driver, packets directed to the first network adapter to the second network adapter; and

changing, with the filter driver, a success status of each packet that had been directed to the first network adapter before the path fail notification was received to a busy status, wherein the change in status causes each packet to be reissued.

2. (Cancelled)

3. (Original) The method of claim 1, further comprising:
determining, with the filter driver, a new data path including the second network adapter.

4. (Original) The method of claim 1, further comprising:
receiving, with the filter driver, a notification that the first network adapter is restored;
and
determining, with the filter driver, a data path for new data packets based on whether the notification specified a new data path.

5. (Original) The method of claim 1, further comprising:
designating, with the filter driver, a first storage device stack as a primary storage device stack in response to building the first storage device stack for a logical unit; and

designating, with the filter driver, a subsequent storage device stack as a secondary storage device stack in response to building the subsequent storage device stack for the logical unit.

6. (Original) The method of claim 5, further comprising:
preventing, with the filter driver, file system mounting on the secondary storage device stack.

7-10. (Cancelled)

11-16. (Cancelled)

17. (Previously Presented) A system coupled to a network and data storage, comprising:

a host computer;

a storage controller managing Input/Output (I/O) access to the data storage, wherein the storage controller is coupled to the host computer;

a first network adapter

a second network adapter;

and

a filter driver at the host computer, wherein the filter driver is capable of receiving a path fail notification that at least one of the first network adapter and a data path through the first network adapter has failed, rerouting packets directed to the first network adapter to the second network adapter; changing a success status of each packet that had been directed to the first network adapter before the path fail notification was received to a busy status, wherein the change in status causes each packet to be reissued.

18. (Cancelled)

19. (Original) The system of claim 17, wherein the filter driver is further capable of:
determining a new data path including the second network adapter.

20. (Original) The system of claim 17, wherein the filter driver is further capable of:
receiving a notification that the first network adapter is restored; and
determining a data path for new data packets based on whether the notification specified
a new data path.

21. (Original) The system of claim 17, wherein the filter driver is further capable of:
designating a first storage device stack as a primary storage device stack in response to
building the first storage device stack for a logical unit; and
designating a subsequent storage device stack as a secondary storage device stack in
response to building the subsequent storage device stack for the logical unit.

22. (Original) The system of claim 21, wherein the filter driver is further capable of:
preventing file system mounting on the secondary storage device stack.

23-26. (Cancelled)

27-32. (Cancelled)

33. (Previously Presented) An article of manufacture comprising a storage medium
having stored therein instructions that when executed by a computing device results in the
following:

at a filter driver,

receiving a path fail notification that at least one of a first network adapter and a data path
through the first network adapter has failed;

rerouting packets directed to the first network adapter to the second network adapter; and
changing, with the filter driver, a success status of each packet that had been directed to
the first network adapter before the path fail notification was received to a busy status, wherein
the change in status causes each packet to be reissued for processing again by the filter driver.

34. (Cancelled)

35. (Original) The article of manufacture of claim 33, the instructions when executed further result in the following:

determining a new data path including the second network adapter.

36. (Original) The article of manufacture of claim 33, the instructions when executed further result in the following:

receiving a notification that the first network adapter is restored; and

determining a data path for new data packets based on whether the notification specified a new data path.

37. (Original) The article of manufacture of claim 33, the instructions when executed further result in the following:

designating a first storage device stack as a primary storage device stack in response to building the first storage device stack for a logical unit; and

designating a subsequent storage device stack as a secondary storage device stack in response to building the subsequent storage device stack for the logical unit.

38. (Original) The article of manufacture of claim 37, the instructions when executed further result in the following:

preventing file system mounting on the secondary storage device stack.

39-42. (Cancelled)

43-48. (Cancelled)